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# United States Patent [19]

## Kosaka et al.

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[54]	APPARATUS AND METHOD FOR NAVIGATING VEHICLE TO DESTINATION USING DISPLAY UNIT			
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	364/444.2; 345/133; 345/139
[58]	Field of Search 340/995, 990,
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#### [57] ABSTRACT

A bird's eye view commonly used in a flight simulation is applicable to an apparatus and method for navigating a vehicle running on a set route of travel to a set destination using a (color) display unit according to the present invention. The bird's eye view of a road map surrounding a present position of the vehicle has a viewing point placed at a predetermined position on an upper sky in a direction opposite to the set destination with the present position of the vehicle as a reference and has a line of sight looking down over the road map so that a part of the road map surrounding the present position of the vehicle can be viewed in an extended scale form and the remaining part of the road map remote from the present position and nearer to the set destination can be viewed in a gradually reduction scale form.

## 33 Claims, 26 Drawing Sheets

